

LISTING OF CLAIMS

1. (currently amended) Apparatus for the user-defined configuring of applications on a data-processing system by means of a token, comprising the following components:

a) a token comprising a non-volatile memory for storing at least one unique identifying attribute, each unique identifying attribute being user-specific and being provided to call up at least one user-customized software comprising at least one of the application identified by the unique identifying attribute and software components to form said application, a volatile memory, and a microprocessor for processing data;

b) an apparatus for establishing communications between the token and a data-processing device; and

c) a data-processing device comprising at least one software comprising at least one of applications and software components to form an application, a register for registering the at least one software which is available on the data-processing device, and an agent for establishing communications between the token and the at least one software.

2. (original) Apparatus according to claim 1, wherein the token is a chip card.

DE919990047

3. (original) Apparatus according to claim 1, wherein the token is a portable data-processing device.
4. (original) Apparatus according to claim 3, wherein the portable data-processing device can take the form of at least one of a finger ring, an electrical plug, and a connector.
5. (previously presented) Apparatus according to claim 2, wherein the at least one identifying attribute allows the at least one software to be uniquely allocated to it.
6. (original) Apparatus according to claim 5, wherein the identifying attribute includes address information for locating the software.
7. (previously presented) Apparatus according to claim 6, wherein the address information is provided in the form of a GUID and is stored in a file in the non-volatile memory of the chip card.
8. (previously presented) Apparatus according to claim 6, wherein the address information is shown in the form of
DE919990047

a GUID and is stored in a file in the volatile memory of the chip card.

9. (original) Apparatus according to claim 1, wherein the register is implemented in the form of at least one of a file, table and database on the data-processing device.
 10. (original) Apparatus according to claim 1, wherein the apparatus for establishing communication is implemented as at least one of a contactless-card reader and a contact-card reader.
 11. (previously presented) Apparatus according to claim 1, wherein the agent is installed on a card reader.
 12. (original) Apparatus according to claim 1, wherein the agent is installed on the data-processing device.
 13. (original) Apparatus according to claim 1, wherein the agent is a program.
 14. (previously presented) Apparatus according to claim 2, wherein the identifying attribute includes address information for locating the software and wherein the
- DE919990047

agent is a program that performs the following functions:

- a) determining the card technology;
- b) providing a driver associated with the card technology;
- c) reading the address information on the card;
- d) determining by reference to the address information whether the software is present on the data-processing device; and
- e) establishing communications with at least one of a plurality of remote data-processing devices on which the software components are stored and downloading the latter to the data-processing device.

15. (original) Apparatus according to claim 1, wherein the communication between token and agent takes place using the protocol for the particular token.

16. (original) Apparatus according to claim 2, wherein the communication between chip card and agent takes place by means of APDU's.

17. (currently amended) Method for configuring applications on a user data-processing device by means of a token

DE919990047

storing unique application identifying data, comprising the steps of:

- a) establishing a communications connection between the token and the user data-processing device;
- b) reading the unique application identifying data stored on the token to enable an agent to build and start a given application, each unique application identifying attribute being user-specific and being provided to call up at least one user-customized software comprising at least one of an application identified by the unique application identifying attribute and software components to form said application;
- c) determining whether software comprising at least one of the application and software components to form the application identified by said unique application identifying attribute is available at the user data-processing device by means of the identifying data; and

DE919990047

- d) loading the software components to allow the allocated application to be built and started when not available at the user data-processing device.
18. (original) Method according to claim 17, wherein the token is a chip card.
19. (original) Method according to claim 18, wherein the communications connection between the chip card and data-processing device is obtained via a card reader.
20. (previously presented) Method according to claim 19, wherein the agent is installed on one of the card reader and the data-processing device.
21. (previously presented) Method according to claim 18 wherein the chip card has a non-volatile memory and further comprising storing the identifying data in a file in the non-volatile memory of the chip card.
22. (original) Method according to claim 21 wherein said storing is conducted when the chip card is personalised.

DE919990047

23. (previously presented) Method according to claim 21 wherein said storing is conducted at the time of a first log-on to use an application.
24. (previously presented) Method according to claim 19, wherein said establishing communications comprises the steps of:
- a) determining of the chip card technology by the agent; and
 - b) loading by the agent of the requisite driver software to allow communications with the chip card.
25. (previously presented) Method according to claim 24, wherein the driver software is loaded as part of the agent.
26. (previously presented) Method according to claim 24, wherein the driver software is stored separately from the agent on the storage medium of the user data-processing device and is started by the agent.

DE919990047

27. (previously presented) Method according to claim 17, wherein said determining comprises the following further steps:

comparing the identifying data stored in the user data processing device to the identifying data transmitted by the chip card;

inserting identifying data with an application to identify a software comprising at least one of application and software components when an application is being stored on the user data-processing device; and

loading the software components and starting of the allocated application, by the agent, when the sets of identifying data match.

28. (previously presented) Method according to claim 27, further comprising the steps of:

establishing a connection to a second data-processing device by the agent by means

DE919990047

of the identifying data when the identifying data do not match based on said comparing;

transferring the application found by means of the identifying data to the user data-processing system; and

adding the identifying data to the applications installed on the user data-processing device.

29. (original) Method according to claim 28, wherein the identifying data includes address information in the form of a GUID.

30. (original) Method according to claim 28 wherein the identifying data includes address information in the form of a URL.

31. (currently amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for configuring applications on a user data-processing device by means of a token storing identifying data, said method comprising the steps of:

DE919990047

- a) establishing a communications connection between the token and the user data-processing device;
- b) reading the unique application identifying data stored on the token to enable an agent to build and start a given application, each unique application identifying attribute being user-specific and being provided to call up at least one user-customized software comprising at least one of an application identified by the unique application identifying attribute and software components to form said application;
- c) determining whether software comprising at least one of the application and software components to form the application identified by said unique application identifying attribute is available at the user data-processing device by means of the identifying data; and

DE919990047

- d) loading the software components to allow the allocated application to be built and started when not available at the user data-processing device.

DE919990047